

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US17/54816
0-2	International Filing Date	03 October 2017 (03.10.2017)
0-3	Name of receiving Office and "PCT International Application"	RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EFS-Web mode] Version 3.51.078.254 MT/FOP 20170701/0.20.5.24
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	CM4583M-DW
I	Title of Invention	LAUNDRY DETERGENT COMPOSITION
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	THE PROCTER & GAMBLE COMPANY
II-5	Address	One Procter & Gamble Plaza Cincinnati, Ohio 45202 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	513-983-7368
II-9	Facsimile No.	513-945-6839
II-10	e-mail	centraldoCKET.im@pg.com
II-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)

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III-1	Applicant and/or inventor	
III-1-1	This person is	Inventor only
III-1-3	Inventor for	All designated States
III-1-4	Name (LAST, First)	CHIEFFI, Andre
III-1-5	Address	Procter & Gamble Technical Centres Limited Whitley Road, Longbenton Newcastle-upon-Tyne NE12 9TS United Kingdom
III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	BROOKER, Alan, Thomas
III-2-5	Address	Procter & Gamble Technical Centres Limited Whitley Road, Longbenton Newcastle-upon-Tyne NE12 9TS United Kingdom
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	All designated States
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III-4	Applicant and/or inventor	
III-4-1	This person is	Inventor only
III-4-3	Inventor for	All designated States
III-4-4	Name (LAST, First)	FULLER, Linsey, Sarah
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III-5	Applicant and/or inventor	
III-5-1	This person is	Inventor only
III-5-3	Inventor for	All designated States
III-5-4	Name (LAST, First)	GOULD, Paul, Anthony
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III-6	Applicant and/or inventor	
III-6-1	This person is	Inventor only
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III-6-4	Name (LAST, First)	TANTAWY, Hossam, Hassan
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III-7	Applicant and/or inventor	
III-7-1	This person is	Inventor only
III-7-3	Inventor for	All designated States
III-7-4	Name (LAST, First)	LANT, Neil, Joseph
III-7-5	Address	Procter & Gamble Technical Centres Limited Whitley Road, Longbenton Newcastle-upon-Tyne NE12 9TS United Kingdom

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	KREBS, Jay A.
IV-1-2	Address	c/o THE PROCTER & GAMBLE COMPANY Global IP Services One Procter & Gamble Plaza, C9 Cincinnati, Ohio 45202 United States of America
IV-1-3	Telephone No.	513-983-7368
IV-1-4	Facsimile No.	513-945-6839
IV-1-5	e-mail	centraldocket.im@pg.com
IV-1-5(a))	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)
IV-1-6	Agent's registration No.	41914
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier regional application	
VI-1-1	Filing date	03 October 2016 (03.10.2016)
VI-1-2	Number	16192030.1
VI-1-3	Regional Office	EP
VI-2	Incorporation by reference : where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	44	-
IX-3	Claims	12	-
IX-4	Abstract	1	✓
IX-5	Drawings	0	-
IX-6a	Sequence listing part of the description (also to be used for the purposes of international search)	-	✓
IX-7	TOTAL	63	
Accompanying Items		Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	Reference no. PG	-
IX-20	Figure of the drawings which should accompany the abstract		
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/Jay A Krebs, Reg. No. 41914/	
X-1-1	Name	THE PROCTER & GAMBLE COMPANY	
X-1-2	Name of signatory	Jay A Krebs	
X-1-3	Capacity (if such capacity is not obvious from reading the request)	Agent	

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10-1	Date of actual receipt of the purported international application	03 October 2017 (03.10.2017)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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